**USE CASE SPECIFICATIONS TEMPLATE**

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| **Use Case Identification and History** | | | |
| **Use Case ID:** | YCS.3 | | |
| **Use Case Name:** | Take Quiz | **Version No:** | 1 |
| **End Objective:** | To allow a user to complete the quiz and get a city result based on their answers | | |
| **Created by:** | Meandering Armadillos | **On (date):** | 1/27/19 |
| **Last Update by:** | Meandering Armadillos | **On (date):** | 1/27/19 |
| **Approved by:** |  | **On (date):** |  |
| **User/Actor:** | End user | | |
| **Business Owner**  **Name:** | N/A | **Contact Details:** | N/A |
| **Trigger:** | User | | |
| **Frequency of Use:** | One to many times per user | | |

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| **Preconditions** |
| 1. User has created a profile 2. User is logged in to their profile |

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| **Basic Flow** | | |
| **Step** | **User Actions** | **System Actions** |
| **1** | User clicks “Take Quiz” | System displays the quiz page |
| **2** | User chooses categories they wish to input information for | System compiles list of categories  Returns the categories to the user one by one |
| **3** | User chooses from 1-10 the importance of a particular category | The system saves each answer along with the category  Upon answering final question, system runs algorithm to calculate the score for each city |
| **4** | User selects “show results” | System displays a list of every city based on the score unique to the users’ inputs |
| **5** | User selects “exit” | System returns user to main |

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| **Alternate Flow - Branches from step 4** | | |
| **Step** | **User Actions** | **System Actions** |
| **1** | User chooses to save results of quiz | System adds quiz values to user profile |
| **2** | User adds a custom name to the quiz | System saves the quiz in a table with the custom name |

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| **Exception Flow** | | |
| **Step** | **User Actions** | **System Actions** |
| **2** | User inputs no categories, or invalid category | System responds with a message instructing user to check category names and re-enter |
| **3** | User inputs something other than value from 1-10 | System asks user to enter valid value |

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| **Post Conditions** |
| 1. A new quiz may be displayed and accessible from the user page, depending on if it was saved |

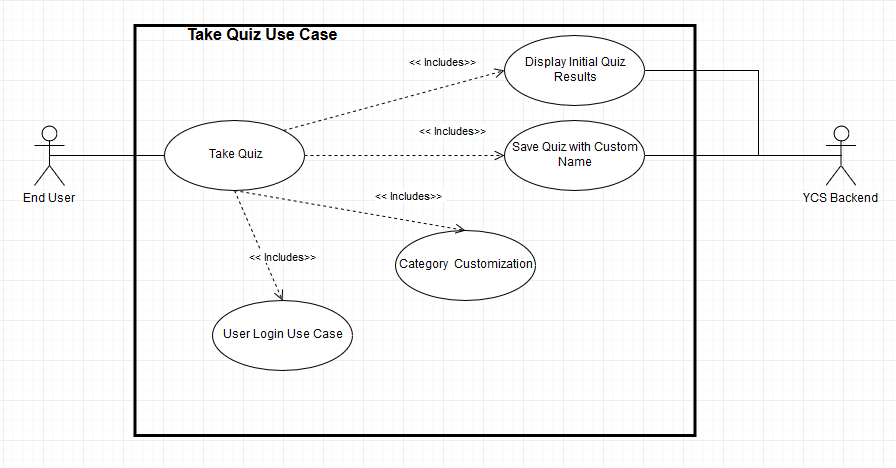
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| **Includes or Extension Points** |
| 1. N/A |

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| **Special Requirements** |
| 1. N/A |

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| **Business Rules** |
| 1. N/A |

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| **Other Notes (Assumptions, Issues)** |
| 1. N/A |

**Use Case Diagram:**

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